

## ABSTRACT

A hand-held laser device that stimulates hair growth. The device provides distributed laser light to the scalp while simultaneously parting the user's hair to ensure that the laser light contacts the user's scalp. A unique beam splitting reflector splits a single laser beam to ensure that energy from the laser beam is evenly distributed. The reflector is mechanically aligned with the laser source and has a zigzag structure which mechanically deflects portions of the beam as it passes over the peaks of the reflector. The portions of the laser beam form a line of laser beams that project toward the user's scalp. Parallel rows of teeth are aligned with a central row of individual laser beams and part the user's hair to form furrows in the user's hair as the device is combed through the user's hair. The furrows create an unobstructed path for the laser beam to reach the scalp of the user.